



SEQUENCE LISTING

<110> Goetzl, Edward L.
An, Songzhu

<120> Human Polypeptide Receptors for Lysophospholipids and
Sphingolipids and Nucleic Acids Encoding the Same

<130> A-67501/DJB/TAL

<140> 09/274,752

<141> 1999-03-23

<160> 29

<170> PatentIn Ver. 2.0

<210> 1

<211> 382

<212> PRT

<213> Homo sapiens

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Val Val Val Val Ala Leu Gly Leu Thr Val Ser Val Leu Val Leu Leu
35 40 45

Thr Asn Leu Leu Val Ile Ala Ala Ile Ala Ser Asn Arg Arg Phe His
50 55 60

Gln Pro Ile Tyr Tyr Leu Leu Gly Asn Leu Ala Ala Ala Asp Leu Phe
65 70 75 80

Ala Gly Val Ala Tyr Leu Phe Leu Met Phe His Thr Gly Pro Arg Thr
85 90 95

Ala Arg Leu Ser Leu Glu Gly Trp Phe Leu Arg Gln Gly Leu Leu Asp
100 105 110

Thr Ser Leu Thr Ala Ser Val Ala Thr Leu Leu Ala Ile Ala Val Glu
115 120 125

Arg His Arg Ser Val Met Ala Val Gln Leu His Ser Arg Leu Pro Arg

130		135		140
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Leu Gly Leu Leu Pro Ala His Ser Trp His Cys Leu Cys Ala Leu Asp				
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Arg Cys Ser Arg Met Ala Pro Leu Leu Ser Arg Ser Tyr Leu Ala Val				
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Trp Ala Leu Ser Ser Leu Leu Val Phe Leu Leu Met Val Ala Val Tyr				
	195		200	205
Thr Arg Ile Phe Phe Tyr Val Arg Arg Arg Val Gln Arg Met Ala Glu				
	210		215	220
His Val Ser Cys His Pro Arg Tyr Arg Glu Thr Thr Leu Ser Leu Val				
	225		230	235
Lys Thr Val Val Ile Ile Leu Gly Ala Phe Val Val Cys Trp Thr Pro				
	245		250	255
Gly Gln Val Val Leu Leu Leu Asp Gly Leu Gly Cys Glu Ser Cys Asn				
	260		265	270
Val Leu Ala Val Glu Lys Tyr Phe Leu Leu Leu Ala Glu Ala Asn Ser				
	275		280	285
Leu Val Asn Ala Ala Val Tyr Ser Cys Arg Asp Ser Glu Met Arg Arg				
	290		295	300
Thr Phe Arg Arg Leu Leu Cys Cys Ala Cys Leu Arg Gln Ser Thr Arg				
	305		310	315
Glu Ser Val His Tyr Thr Ser Ser Ala Gln Gly Gly Ala Ser Thr Arg				
	325		330	335
Ile Met Leu Pro Glu Asn Gly His Pro Leu Met Thr Pro Pro Phe Ser				
	340		345	350
Tyr Leu Glu Leu Gln Arg Tyr Ala Ala Ser Asn Lys Ser Thr Ala Pro				
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Asp Asp Leu Trp Val Leu Leu Ala Gln Pro Asn Gln Gln Asp				
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 acaagcctca ctgcgtcggg ggccacactg ctggccatcg ccgtggagct gcaccgcagt 480
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 <213> Homo sapiens

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 20 25 30

Arg Gln Val Ala Ser Ala Gly Ile Val Ile Leu Cys Cys Ala Ile Val
 35 40 45
 Val Glu Asn Leu Leu Val Leu Ile Ala Val Ala Arg Asn Ser Lys Phe
 50 55 60
 His Ser Ala Met Tyr Leu Phe Leu Gly Asn Leu Ala Ala Ser Asp Leu
 65 70 75 80
 Leu Ala Gly Val Ala Phe Val Ala Asn Thr Leu Leu Ser Gly Ser Val
 85 90 95
 Thr Leu Arg Leu Thr Pro Val Gln Trp Phe Ala Arg Glu Gly Ser Ala
 100 105 110
 Ser Ile Thr Leu Ser Ala Ser Val Gly Ser Leu Leu Ala Ile Ala Ile
 115 120 125
 Glu Arg His Val Ala Ile Ala Lys Val Lys Leu Tyr Gly Ser Cys Lys
 130 135 140
 Ser Cys Arg Met Leu Leu Leu Ile Gly Ala Ser Trp Leu Ile Ser Leu
 145 150 155 160
 Val Leu Gly Gly Leu Pro Ile Leu Gly Trp Asn Cys Leu Gly His Leu
 165 170 175
 Glu Ala Cys Ser Thr Val Leu Pro Leu Tyr Ala Lys His Tyr Val Leu
 180 185 190
 Cys Val Val Thr Ile Phe Ser Ile Ile Leu Leu Ala Ile Val Ala Leu
 195 200 205
 Tyr Val Arg Ile Tyr Cys Val Val Arg Ser Ser His Ala Asp Met Ala
 210 215 220
 Ala Pro Gln Thr Leu Ala Leu Leu Lys Thr Val Thr Ile Val Leu Gly
 225 230 235 240
 Val Phe Ile Val Cys Trp Leu Pro Ala Phe Ser Ile Leu Leu Leu Asp
 245 250 255
 Tyr Ala Cys Pro Val His Ser Cys Pro Ile Leu Tyr Lys Ala His Tyr
 260 265 270
 Phe Phe Ala Val Ser Thr Leu Asn Ser Leu Leu Asn Pro Val Ile Tyr
 275 280 285

Thr Trp Arg Ser Arg Asp Leu Arg Arg Glu Val Leu Arg Pro Leu Gln
 290 295 300

Cys Trp Arg Pro Gly Val Gly Val Gln Gly Arg Arg Arg Val Gly Thr
 305 310 315 320

Pro Gly His His Leu Leu Pro Leu Arg Ser Ser Ser Ser Leu Glu Arg
 325 330 335

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<210> 4
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<400> 5

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cctccaaccg ccgcttccac cagcccatct actacctgt cggcaatctg gccgcggctg 300
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actttcactt gaggg                                     375

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<210> 6
<211> 8
<212> PRT
<213> combination of rat and human.

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<400> 6
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<210> 7
<211> 22
<212> DNA
<213> combination of rat and human.

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<220>
<221> misc_feature
<222> (6)
<223> The n at position 6 can be g or c.

```

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<220>
<221> misc_feature
<222> (12)
<223> The n at position 12 can be c or t.

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<220>
<221> misc_feature
<222> (17)
<223> The n at position 17 can be c or t.

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<220>
<221> misc_feature
<222> (21)
<223> The n at position 21 can be a or c.

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22

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<210> 8
<211> 8

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<212> PRT
<213> combination of rat and human.

<400> 8
Leu Leu Leu Leu Asp Ser Thr Cys
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<210> 9
<211> 22
<212> DNA
<213> combination of rat and human.

<220>
<221> misc_feature
<222> (4)
<223> The n at position 4, 16, and 22 can be c or g.

<220>
<221> misc_feature
<222> (6)
<223> The n at position 6 and 8 can be a or c.

<220>
<221> misc_feature
<222> (7)
<223> The n at position 7, 9, and 19 can be a or g.

<400> 9
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<210> 10
<211> 24
<212> DNA
<213> Homo sapiens

<400> 10
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<210> 11
<211> 25
<212> DNA
<213> Homo sapiens

<400> 11
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<210> 12

<211> 31
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 <213> combination of rat and human.

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 <210> 13
 <211> 31
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 <213> combination of rat and human.

 <400> 13
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 <210> 14
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 <212> DNA
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 <400> 14
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<400> 22
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 <400> 26
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 <210> 27
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 <400> 27
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 <400> 28
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 <210> 29
 <211> 25
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 <213> Homo sapiens

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